

MEMORANDUM FOR: All Holders of Engineering Handbook No. 11, Automated Surface Observing System (ASOS)

FROM: W/OPS1 - Mark Paese (Acting)

SUBJECT: Connection of the ASOS to the Federal Aviation Administration (FAA) communication network using codex modems, Errata Sheet 3, Change to Modification Note 45.

1. Material Transmitted:

Engineering Handbook No. 11 (EHB-11), ASOS Errata Sheet 3, Change to Modification Note 45.

2. Summary:

Alteration and Correction of Modification Note 45.

3. Effect on Other Instructions:

Additional ASOS sites are to be added to Modification Note 45 (see Appendices A and B).

ASOS ERRATA SHEET 3 (for Electronics Technicians)

Maintenance Branch

W/OPS12: AL

Connection of the Automated Surface Observing System (ASOS) to the Federal Aviation Administration (FAA) communication network using codex modems.

GENERAL:

This errata sheet adds 29 ASOS codex modem sites to Modification Note 45. These 29 National Weather Service (NWS) ASOS sites are to be connected as part of the transition effort. Some of the 29 sites may require an additional RS-232 serial input/output board.

There are 23 ASOS sites added to Appendix A requiring the installation of an internal codex modem in the ASOS Acquisition Control Unit (ACU). The remaining six (6) ASOS sites are added to Appendix B requiring the ASOS ACU to be connected externally to the FAA maintained codex modem.

Technicians must coordinate with the FAA point of contact (POC) before scheduling the installation of this modification at any site. The FAA POC is Jerry Kranz [Phone: (202) 366-4196, e-mail: Jerry.CTR.Kranz@FAA.gov]. Any technical questions should be directed to Billy Whisel (ASOS Maintenance Branch) at (301) 713-1835 x161.

PROCEDURE:

Attach Errata Sheet 3 to Modification Note 45. The additional ASOS sites to be added are listed in Appendices A and B. Follow the instructions in Modification Note 45 for installation.

NWS Headquarters shall issue the internal (codex) modems (ASN: S100-1A1-2) and the Mounting hardware for the codex modem (ASN: S100-FMK52). Sites requiring an additional RS-232 serial input/output board should order it from NLSC (S100-1A2A6-1). External FAA-maintained codex modems are on-site. All other materials should be obtained locally.

After the codex modem is connected and the ADAS connection is tested, coordinate with the Regional focal point to deconfigure the AFOS/AWIPS communications port. Go to the Revue-Site-Config-Comms page. Deconfigure the following Labeled Ports: AFOS Phone; AWIPS Simulator; AFOS Hardware; AWIPS Hardware.

EFFECT ON OTHER INSTRUCTIONS:

Additional ASOS sites are to be added to Modification Note 45 (see Appendices A and B).

REPORT MAINTENANCE ACTION:

Report in accordance with Modification Note 45.

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Appendix A
Appendix B

Appendix A

Additional sites requiring connection to INTERNAL codex modem (codex modem installed in ASOS ACU):

Coun t	SID	Location	Stat e	Comment	Completion Month	Completi on Year
1	ABR	Aberdeen	SD	NLT	30SEP	2002
2	AMA	Amarillo	TX	NLT	30SEP	2002
3	BIS	Bismarck	ND	NLT	30SEP	2002
4	BRO	Brownsville	TX	NLT	30SEP	2002
5	CYS	Cheyenne	WY	NLT	30SEP	2002
6	DDC	Dodge City	KS	NLT	30SEP	2002
7	EYW	Key West	FL	NLT	30SEP	2002
8	GGW	Glasgow	MT	NLT	30SEP	2002
9	GJT	Grand Junction	CO	NLT	30SEP	2002
10	GLD	Goodland	KS	NLT	30SEP	2002
11	GRB	Green Bay	WI	NLT	30SEP	2002
12	GSP	Greer	SC	NLT	30SEP	2002
13	ILM	Wilmington	NC	NLT	30SEP	2002
14	JKL	Jackson	KY	NLT	30SEP	2002
15	LBF	North Platte	NE	NLT	30SEP	2002
16	LCH	Lake Charles	LA	NLT	30SEP	2002
17	MAF	Midland	TX	NLT	30SEP	2002
18	MSO	Missoula	MT	NLT	30SEP	2002
19	PAH	Paducah	KY	NLT	30SEP	2002
20	PDT	Pendleton	OR	NLT	30SEP	2002
21	PUB	Pueblo	CO	NLT	30SEP	2002
22	SJT	San Angelo	TX	NLT	30SEP	2002
23	TOP	Topeka	KS	NLT	30SEP	2002

Appendix B

Additional sites requiring connection to EXTERNAL codex modem (ASOS ACU connected to external FAA-maintained codex modem):

Coun t	SID	Location	Stat e	Comment	Completion Month	Completion Year
1	BGM	Binghamton	NY	NLT	30SEP	2002
2	BOI	Boise	ID	NLT	30SEP	2002
3	GTF	Great Falls	MT	NLT	30SEP	2002
4	MFR	Medford	OR	NLT	30SEP	2002
5	PIH	Pocatello	ID	NLT	30SEP	2002
6	SGF	Springfield	MO	NLT	30SEP	2002